IEC 60945 FULLY TESTED MARINE KEYBOARD
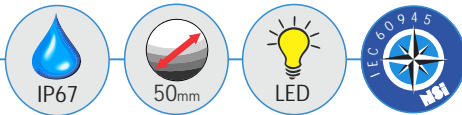LED backlit keyboard with 50mm laser trackball
optional external backlight control

DURALIGHT

IP67 · 50mm · LED · IEC 60945

This „Duralight" 106 key backlit keyboard is approved for use with Solas Marine applications (f.i ECDIS). The keyboard has a multi-functional layout with separate numerical- and control keypads and integrates a large 50mm laser optical trackball.

MAIN FEATURES

- Certificate of Conformity fully compliant with IEC60945
- User-friendly layout with separate numerical-, control- and function keypads
- High brightness LED's with fibre optics
- Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks.
- Low power LED's warrant for a long life
- No external power supply necessary, keyboard port power sufficient
- Dimmable backlighting at 8 levels by two dedicated keys
- Intelligent luminosity setting of "numlock" and capslock" LED's
- White backlighting as standard, other colours on request.
- Customized backlight control by an external DC voltage , PWM signal or potentiometer is available on request.

Panel mount version :
- Aluminium carrier and silicone sponge panel sealing
- Front panel mounting by means of M3 threaded studs.
- Added silicon sponge seal for perfect sealing into the user's panel
- The rear side components are protected by a covering metal plate
- Version with edge protection : In case the keyboard can not be sunk mounted we recommend the bezel for edge protection
- Dimensions / weight :
  version with bezel 447,5 x 167,5 x 45 mm / 1,3 kg
  version without bezel : 432 x 152 x 45 mm / 1,2 kg

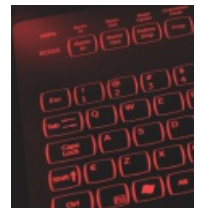## GENERAL TECHNICAL SPECIFICATIONS

Sealing	: IP67 sealed
Keys	: 106 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force
Pointing Device	: 50 mm trackball, black epoxy resin ball
Output	: 1.8m shielded USB cable
Power requirements	: Directly from USB port
Operating temp.	: -15°C to +60°C
Front layer	: Black polyester front layer with embossed keys, scratch and chemical resistant
Compass safe distance	: 0.55 m

CUSTOMIZATION

Possible customization includes adapted backlighting controls, addition of company logo or specific function keys, different layouts, different colour, all this without having to reapply for certification!

ORDER INFO

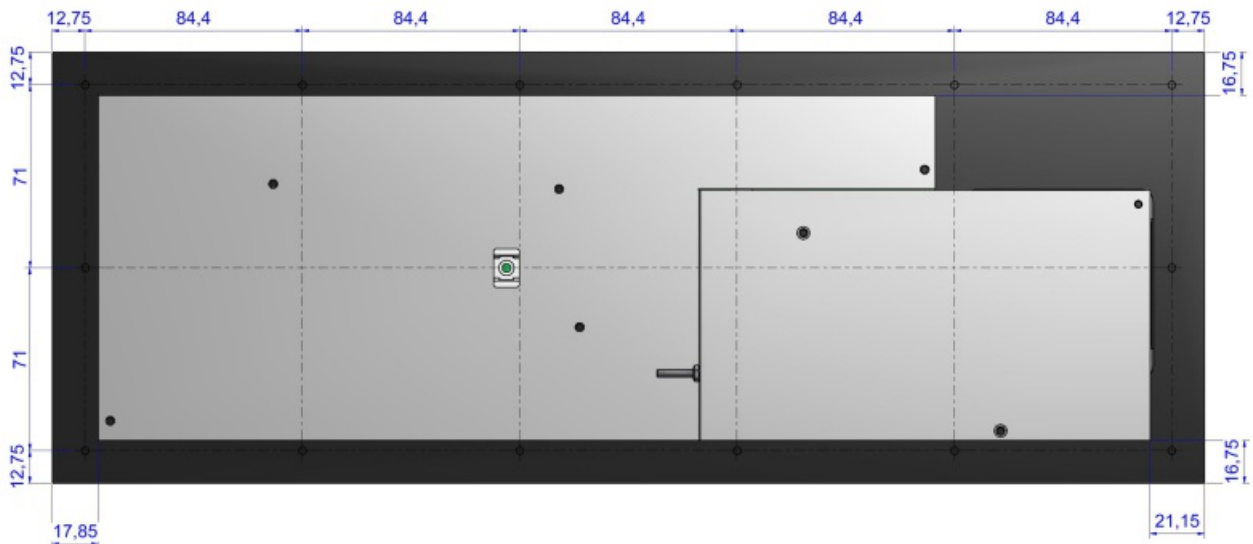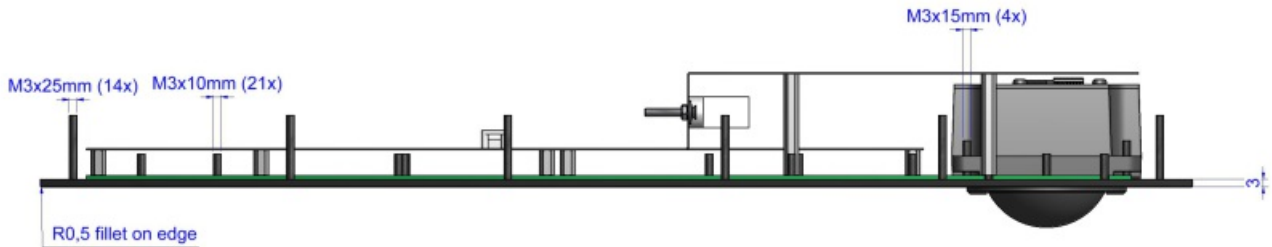| LAYOUT	PANEL MOUNT WITH BEZEL	PANEL MOUNT
US Qwerty	KSMX106 B0001-W-MC1	KSMX106 F0001-W-MC1
RU Cyrillic	KSMX106 B0007-W-MC1	KSMX106 F0007-W-MC1

KSMX106 B

KSMX106 F

VER. 1.0

DIMENSIONAL DRAWING

panel mount version with edge protection bezel

COLOURS
Keyboard & Key Background : PANTONE Black 2 C 2X
Key edges & key legends : white Translucent

VER. 1.0

DIMENSIONAL DRAWING

panel mount version without bezel

COLOURS
Keyboard & Key Background : PANTONE Black 2 C 2X
Key edges & key legends : white Translucent

VER. 1.0